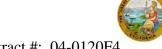
### **DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.15

## SOURCE INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** SIR-000011 Address: 333 Burma Road **Date Inspected:** 17-Jan-2007

City: Oakland, CA 94607

OSM Arrival Time: 800 **Project Name:** SAS Superstructure **OSM Departure Time:** 1530 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

**Quality Control Contact:** Liu Liu **Quality Control Present:** Yes No

N/A **Material transfer:** Yes No **Sampled Items:** Yes No N/A **Stock Transfer:** N/A Yes No N/A OK to Cut: Yes No **Rebar Test Witness:** N/A **Delayed/Cancelled:** Yes N/A Yes No No

Other: Review of radiographic testing

**Bridge No:** 34-0006 Welding Procedure Qualification test plates **Component:** 

**Bid Item:** Lot No: B31-012-07 to B31-015-07

### **Summary of Items Observed:**

On this date the Caltrans Quality Assurance (QA) representative Joe Lanz performed a review of radiographic film of procedure qualification test plates. Following is a list of test plates and the details of the review.

Procedure qualification test plate ID HP2006116, Caltrans index lot number B41-005-07. The test plate was radiographed by Jin Tong Jian Chen NDT Company LTD. of Shanghai China. The NDT Level II Inspector Mr. Huang Ming Hai performed the review of the radiographic film prior to submitting the NDT report and the radiographic film to the Quality Assurance Inspector for review. The film quality and weld quality were interpreted by Mr. Hai for compliance with AWS D1.5-2002 Section 6 Part B and Figure 6.1A and the results met the requirements of paragraph 6.26.2. Mr. Hai found the radiographs to be acceptable and the QA inspector concurred with the interpretation with the following exception. The view number 2 was found to have only one location marker visible on the film. AWS D1.5-2002, paragraph 6.10.8 states "Welded joints shall be rdiographed and the film indexed by methods that will provide complete and continuous inspection of the joint within the limits specified to be examined." The QA inspector noted that the Engineer may want to accept the film with the above deficiency noted above based on the ability to interpret the weld quality in the films.

Procedure qualification test plate ID HP2006117-2, Caltrans index lot number B41-007-07, test plate ID HP2006128, Caltrans witness lot number B31-002-07 and test plate ID HP2006133, Caltrans index lot number B31-001-07. The test plates were radiographed by Jin Tong Jian Chen NDT Company LTD. of Shanghai China. The NDT Level II Inspector Mr. Huang Ming Hai performed the review of the radiographic films prior to submitting the NDT report and the radiographic film to the Quality Assurance Inspector for review. The film quality and weld quality were interpreted by Mr. Hai for compliance with AWS D1.5-2002 Section 6 Part B and Figure 6.1A and the results met the requirements of paragraph 6.26.2. Mr. Hai found the radiographs to be acceptable and the QA inspector concurred with the interpretation.

# SOURCE INSPECTION REPORT

(Continued Page 2 of 2)

## **Summary of Conversations:**

No relevant conversations on this date.

#### **Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659,, who represents the Office of Structural Materials for your project.

Inspected By:	Lanz,Joe	Quality Assurance Inspector
Reviewed By:	Wright,Mark	QA Reviewer